Eesearches as to the roducibility of silica from the slag have been undertaken by Me William and Hatiield, from which the following examples have been taken :—

EXAMPLE 1.—STAIIL VND EISEN, 1902, p. 639. (Taken from paper read bol'oro the Iron and Steel Institute.)

Time.	Composition <>f tho Metal.			('otiipositumi of ilxo SUifr			
- — -		- .... ~ .... . •	.... ~"~ ~ .... •	• ... . -	.... -—	— ~ .. ... -	Bomarks.
	0 per cent.	Mn ptir ceixt.	Si p«r cent-.	HiO. ji per c^iit.	Fe. ( ) pur cent.	Fot><); { per cent.	
1/30	0'8f >	01)18	0-018	...., ™,	. __		Blag thin.
2*0	0*73		0-022	—	—	_.	Bownuing thicker.
2-30	0-<>5	<)• <)") ()	0-03-1		..._	.„-.	Euirry thick.
3-0	0-55	()-0()8	0-001		»—		Thick.
3-30	(HO	()-(W	0-078			... .	Thick.
3-50	o-38	0-01)5	0-088	5(>-8	20-8	I'l	Thickest.

EXAMPLE 2.- STAIIL XIND EIHKN, 1902, p. (MO.

Tlmf t.	Composition of tin* Metal.			CoiupoHition of the HUig.			
	(I per rent.	Mn]»(*r ceiil,	Hi pe,r cent.	HiO. . per <'(u »t.	Ko.() p<» r (rent ..	Fe- jOjt perc ent.	Hiunarlks.
12-20	()•< >•!	0-053	0-017	53-0	20-5	2-1	Sbi<; thiniiOHt.
,12-55	0-47	0-059	0-035			„,.,.	Bottoming thick or.
1-25	0'39	0-0(h>	0-(H5(>			—	Fairly thick.
2-0	0-33	0'07l	0-058	54-(J	18-1	()•(>	Thickest.

EXAMPLE ;*.-• (MdWiLUAM AND W. II. MATFIELD.)

Tim A.	Compo Hit ion of the Hath.			Corn POH! lion of the Hluj^.			Remarks.
— .. …… …… ~	(! pen 1 cent ,	Mn per cent.	Si per cent.	WOa perc ent.	FeO per cent .	-- .... F<^ 0}, per cent.	
6*0	0%' H	0-039	0-034	„.... .,	,_™»	— ,	Sing moderately thin.
6-2 to 6-5	^,,,.,	_„.	.,...,	_,«	«.	„.,„	Addition of red brick (8 cwtn.).
<>-15	0*22	0-037	0-03-i	„_	-—	,.,„	Blag thickening.
0-25	0-20	0-039	0-(H9		„,.».	— .	Blag thickening.
G-35	0-17	0-039	0*049	55-64	21-38	1-27	Slag thick.